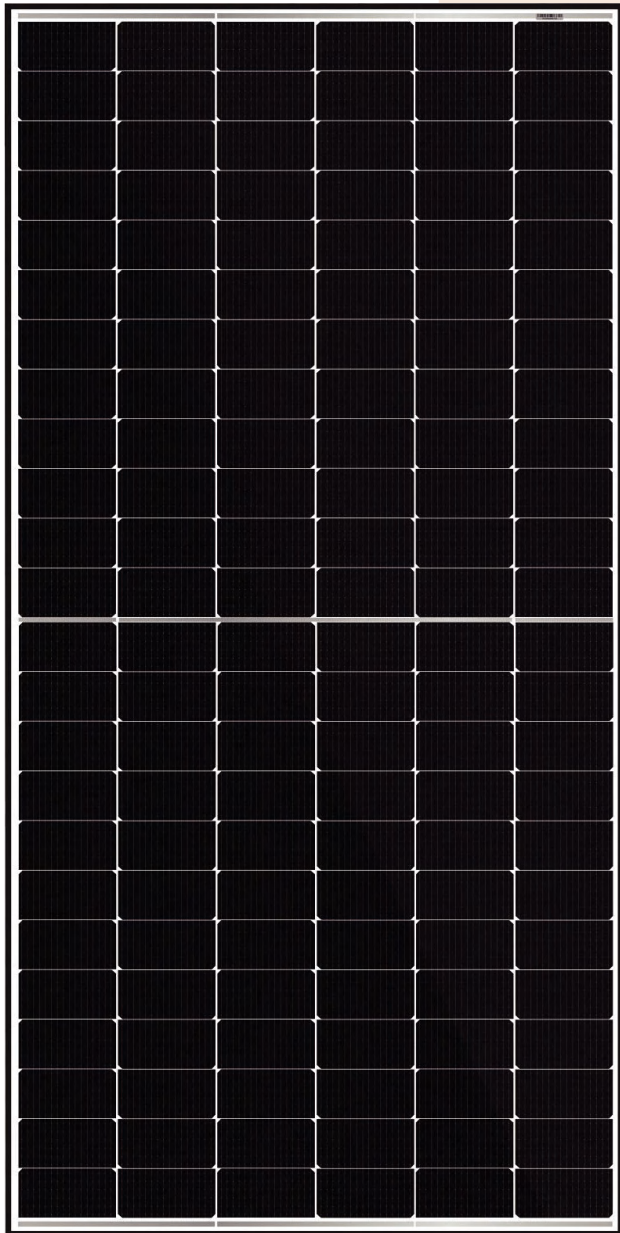




 DXM8-72H

N Mono
560W~610W

Classic TOPCon Module



Super Multi-Busbar Technology

Sub-millimeter level Precision welding reduces cell crack and micro-cracks, enhancing durability and performance.

Low Degradation

N-TOPCon technology extends a 30 years linear performance warranty, safeguarding consumers' ROI.

Engineered for Extremes

Third party tested for 2400Pa back and 5400Pa front loads; resistant to damp heat and salt mist.

PID Free

Guaranteed no Potential Induced Degradation, ensuring consistent performance.

Tech Specs:

STC

Rated Power(P _{max}):	560W	570W	580W	590W	600W	610W
Maximum Power (P _{max}):	560W	570W	580W	590W	600W	610W
Rated Voltage at P _{max} (V _{mp}):	42.1V	42.3V	42.5V	42.7V	42.9V	43.1V
Rated Current at P _{max} (I _{mp}):	13.30A	13.48A	13.65A	13.82A	13.99A	14.15A
Open-Circuit Voltage (V _{oc}):	50.5V	50.9V	51.3V	51.7V	52.1V	52.5V
Short-Circuit Current (I _{sc}):	14.11A	14.25A	14.39A	14.52A	14.64A	14.76A
Module Efficiency (nm):	21.7%	22.1%	22.5%	22.8%	23.2%	23.6%
Maximum System Voltage:	1500VDC					
Application Class:	Class A					
Fire Resistance Class:	Class C					
Maximum Over-Current Rating:	25A					
Operating Temperature:	85% Rh, -40℃ ~ +85℃					
Maximum Snow Loads(Front):	5400Pa					
Maximum Wind Loads (Front&Back):	2400Pa					
Maximum Hailstone Impact (Impact Velocity @ 23m/s):	25mm					

NOCT

560W	570W	580W	590W	600W	610W
421.20W	428.72W	436.25W	443.77W	451.29W	458.81W
39.57V	39.75V	39.94V	40.13V	40.32V	40.51V
10.66A	10.79A	10.93A	11.07A	11.20A	11.34A
47.92V	48.30V	48.68V	49.06V	49.44V	49.81V
11.40A	11.52A	11.63A	11.73A	11.83A	11.93A

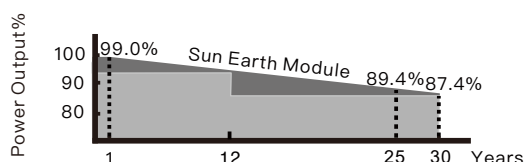
- STC: Irradiance 1000W/m², Cell Temperature 25℃, Air Mass AM1.5 (According to E N60904-3)
- NOCT: Irradiance 800W/m², Ambient Temperature 20℃, Wind Speed 1 m/s
- Average efficiency reduction or 4.5% at 200W/m² according to EN60904-1

Construction Specification:

Front Cover:	Anti-Reflection Coating Glass/3.2mm
Cell:	144Pieces mono-crystalline n-type solar cell
Anodised Aluminum Alloy Frame:	● Silver ● Black
Junction Box:	Protection rating IP68
Cable:	4mm ² PV cable
Cable Length:	(+):400mm, (-):300mm; or customised
Connector:	Protection rating IP68
Dimension(L*W*H):	2278×1134×30mm
Weight:	27.0±3%kg

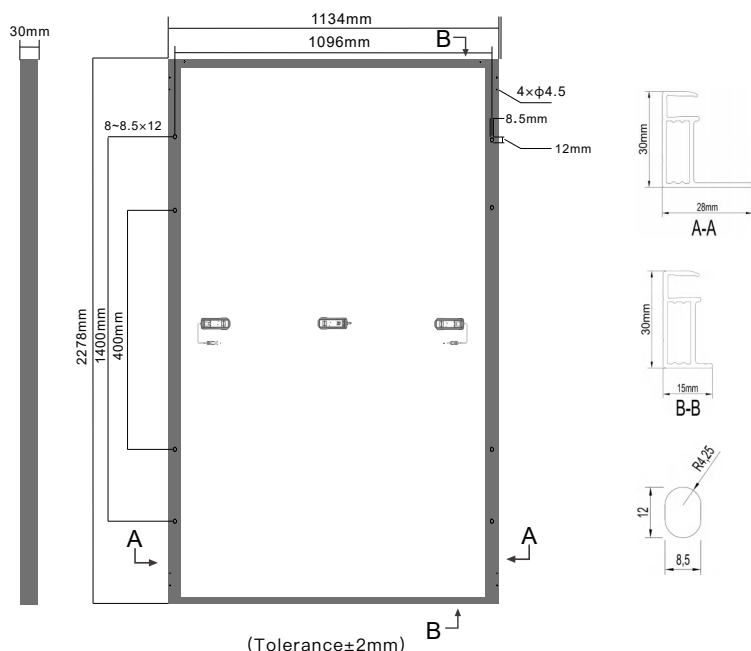
Packaging:

Container:	36 pcs/pallets, 72 pcs/stack, 720 pcs/ 40'HQ Container
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*Please refer to Sun Earth Product Warranty for details

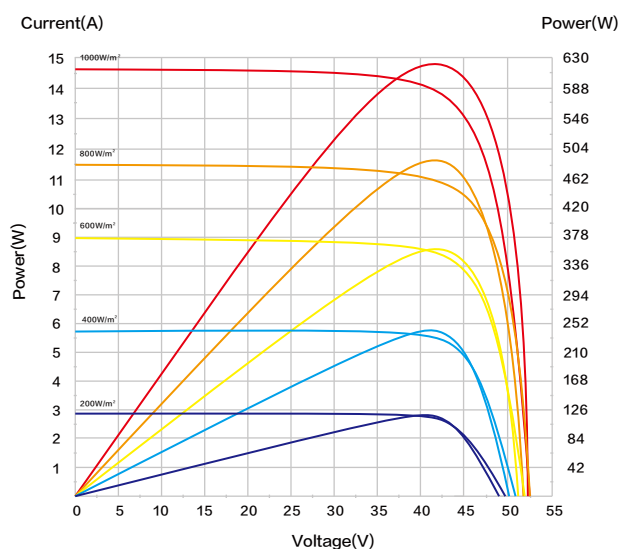
Dimensions



Thermal Characteristics:

Nominal Operating Cell Temperature (NOCT):	45 ± 2℃
Temperature Coefficient of P _{max} (vP _{mp}):	-0.29%/℃
Temperature Coefficient of V _{oc} (BV _{oc}):	-0.23%/℃
Temperature Coefficient of I _{sc} (aI _{sc}):	+0.04%/℃

I-V Curve (560-610W)



Temperature Dependence of I_{sc}, V_{oc}, P_{max}

